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US 20060020295 A1	US-PGPUB	20060126	Method and apparatus for monitoring heart failure patients with cardiopulmonary comorbidities	607/17	600/513	Brockway; Marina et al.
US 20060020294 A1	US-PGPUB	20060126	Method and apparatus for optimization of cardiac resynchronization therapy using heart sounds	607/17	600/513; 600/528	Brockway; Marina et al.
US 20060010090 A1	US-PGPUB	20060112	Expert system for patient medical information analysis	706/46	600/300	Brockway; Marina et al.
US 20060009812 A1	US-PGPUB	20060112	Maximum pacing rate limiter implemented using the evoked response - T-wave interval	607/27	607/17	Daum; Douglas R. et al.
US 20050149136 A1	US-PGPUB	20050707	Third heart sound activity index for heart failure monitoring	607/17		Siejko, Krzysztof Z. et al.
US 20050148896 A1	US-PGPUB	20050707	Method and apparatus for third heart sound detection	600/528		Siejko, Krzysztof Z. et al.
US 20050090719 A1	US-PGPUB	20050428	System and method for monitoring autonomic balance and physical activity	600/300	128/899; 128/904; 600/509; 600/529; 600/547	Scheiner, Avram et al.
US 20050049510 A1	US-PGPUB	20050303	Method and apparatus for catheterization by detecting signals indicating proximity to anatomical features	600/483		Haldeman, Paul Craig et al.
US 20050010257 A1	US-PGPUB	20050113	Classifying tachyarrhythmia using time interval	607/14	600/518	Lincoln, William C. et al.

			between ventricular depolarization and mitral valve closure			
US 20040230241 A1	US-PGPUB	20041118	Statistical method for assessing autonomic balance	607/25		Carlson, Gerrard M. et al.
US 20040193066 A1	US-PGPUB	20040930	Cardiac rhythm management system using time-domain heart rate variability indicia	600/509	607/17	Carlson, Gerrard M. et al.
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US 20040024423 A1	US-PGPUB	20040205	Cardiac rhythm management system selecting A-V delay based on interval between atrial depolarization and mitral valve closure	607/17		Lincoln, William C. et al.
US 20030208240 A1	US-PGPUB	20031106	Method and apparatus for detecting acoustic oscillations in cardiac rhythm	607/17		Pastore, Joseph M. et al.
US 20030199937 A1	US-PGPUB	20031023	Atrial interval based heart rate variability diagnostic for	607/25	600/515	Carlson, Gerrard M. et al.

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US 20030176896 A1	US-PGPUB	20030918	Cardiac rhythm management system and method using time between mitral valve closure and aortic ejection	607/18		Lincoln, William C. et al.
US 20030163184 A1	US-PGPUB	20030828	Single pass lead system	607/122		Scheiner, Avram et al.
US 20030135243 A1	US-PGPUB	20030717	Maximum pacing rate limiter implemented using the evoked response -T- wave interval	607/25		Daum, Douglas R. et al.
US 20030078624 A1	US-PGPUB	20030424	Maximum atrial tracking rate for cardiac rhythm management system	607/9		Carlson, Gerrard M. et al.
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US 20020128564 A1	US-PGPUB	20020912	Atrial interval based heart rate variability diagnostic for cardiac rhythm management system	600/509		Carlson, Gerrard M. et al.
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US 20020120306 A1	US-PGPUB	20020829	Cardiac rhythm management device with triggered	607/25		Zhu, Qingsheng et al.

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US 20010037069 A1	US-PGPUB	20011101	Heart rate variability as an indicator of exercise capacity	600/510		Carlson, Gerrard M. et al.
US 6963778 B2	USPAT	20051108	Maximum pacing rate limiter implemented using the evoked response-T-wave interval	607/25		Daum; Douglas R. et al.
US 6963777 B2	USPAT	20051108	Cardiac rhythm management system and method using time between mitral valve closure and aortic ejection	607/18		Lincoln; William C. et al.
US 6748272 B2	USPAT	20040608	Atrial interval based heart rate variability diagnostic for cardiac rhythm management system	607/14	600/508; 600/515; 607/9	Carlson; Gerrard M. et al.
US 6718197 B1	USPAT	20040406	LV ectopic density trending	600/515	607/32	Carlson; Gerrard M. et al.
US 6678547 B2	USPAT	20040113	Cardiac rhythm management system using time-domain heart rate variability indicia	600/515	607/14	Carlson; Gerrard M. et al.
US 6665564 B2	USPAT	20031216	Cardiac rhythm management system selecting A-V delay based on interval between atrial depolarization and mitral valve closure	607/17	607/9	Lincoln; William C. et al.
US 6650940 B1	USPAT	20031118	Accelerometer-based heart sound detection for autocapture	607/28	600/528	Zhu; Qingsheng et al.
US 6529772 B2	USPAT	20030304	Heart rate variability as an	600/510	600/521; 607/25	Carlson; Gerrard

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US 6505082 B1	USPAT	20030107	Single pass lead system	607/123		Scheiner; Avram et al.
US 6366811 B1	USPAT	20020402	Extraction of hemodynamic pulse pressure from fluid and myocardial accelerations	607/27	600/485; 600/513; 600/526; 607/17; 607/23	Carlson; Gerrard M.
US 6301499 B1	USPAT	20011009	Heart rate variability as an indicator of exercise capacity	600/510	600/521; 607/25	Carlson; Gerrard M. et al.
US 6212434 B1	USPAT	20010403	Single pass lead system	607/123		Scheiner; Avram et al.
US 6119043 A	USPAT	20000912	Atrial and ventricular cardiac lead having a mechanical bias	607/123		Hsu; William et al.
US 6026324 A	USPAT	20000215	Extraction of hemodynamic pulse pressure from fluid and myocardial accelerations	607/27	600/513; 607/9	Carlson; Gerrard M.
US 6026320 A	USPAT	20000215	Heart rate variability as an indicator of exercise capacity	600/510	600/521; 607/25	Carlson; Gerrard M. et al.
US 5885221 A	USPAT	19990323	Discrimination of atrial and ventricular signals from a single cardiac lead	600/515	607/5	Hsu; William et al.
US 5792195 A	USPAT	19980811	Acceleration sensed safe upper rate envelope for calculating the hemodynamic upper rate limit for a rate adaptive cardiac rhythm management device	607/17	607/18; 607/19	Carlson; Gerrard M. et al.
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			ventricular signals from a single cardiac lead			al.
US 5674256 A	USPAT	19971007	Cardiac pre-ejection period detection	607/17		Carlson; Gerrard M.
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US 5052399 A	USPAT	19911001	Holter function data encoder for implantable device	600/516		Olive; Arthur L. et al.
US 4953145 A	USPAT	19900828	Active phase quieting target highlight detector	367/138	367/12; 367/135; 367/901	Carlson; Gerrard M.